

MR1197-439
Appl. No. 09/769,478
Amendment dated 16 December 2003
Responsive to Office Action dated 3 October 2003

AMENDMENTS TO THE SPECIFICATION

- I. Please replace the Title on Page 1, the Line numbered 1, with the following amended Title:

Christmas Bulb Lamp Structure

- II. Please replace the two consecutive paragraphs on Page 1, beginning on the Line numbered 3, and ending on the Line numbered 22, with the following amended paragraphs:

A conventional Christmas bulb structure is provided with a pair of conducting wires in the bulb, wherein a filament is connected with between the two conducting wires. Another A fuse is also provided in the bulb, which is parallel to the filament and is connected with the two conducting wires in parallel with the filament for maintaining an electrical connection if when the filament is burned out. An improved design is to provides with two parallel filaments (12) between the two conducting wires (11) in the bulb (1), as shown in figure 1. That arrangement maintains illumination of keeps the bulb (1) lighting when one filament (12) is burned burns out, under as the other filament (12) still functions one still working and thereby increases the using period for useful life of the bulb (1). But in truth, as one filament (12) is burned burns out, the other filament (12) in the bulb (1) will be burned burn out very soon thereafter because of the suddenly increasing sudden increase in electric current therethrough. The test Other design use

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only one fuse in the bulb (1) ~~provides to provide~~ the same effect of maintaining a connection in connecting as a prior art structure.

The primary object of the present invention is to provide a Christmas bulb structure, ~~which that~~ is provided with two parallel fuses for connection in the bulb connecting to obtain a better ~~rate efficiency~~ in manufacturing of the bulb and lengthen the ~~using period useful life~~ of the bulb. Now the features and advantages of the present invention will be described in detail with reference to the accompanying drawings.

III. Please replace the two consecutive paragraphs on Page 2, beginning on the Line numbered 4 and ending on the Line numbered 19, with the following amended paragraphs:

Referring to the figure 2, the present invention is directed to provide an improved Christmas lamp having a bulb (1), which includes a pair of conducting wires (11) in the bulb (1). A filament (12) and two fuses (13) are connected between the two conducting wires (11) in parallel. Due to the inclusion of two fuses ~~are provided~~ in the bulb (1) of the present invention, the ~~well~~ rate of ~~the~~ manufactured bulbs that are operational will be better than before. It is known that about 10 percent of a light bulb strings assembled with prior art bulbs will be unable to non-working. ~~The That~~ rate will be reduced to one

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percent ~~under~~ for bulbs with double fuses according to this the present invention, ~~that~~
~~provides for a perfect effect.~~

Furthermore, the bulb of the present invention has two fuses to ~~protect~~ Maintain
the operation of the light bulb string. ~~being actually electrical connecting in use.~~ So, it
also lengthens the ~~used period~~ useful life of the string. It is to be understood that ~~an~~
~~expectedly a~~ modification, ~~can be completed easily and will be claimed in this invention,~~
such as to add increase a third fuse or more in the bulb, can be easily made to the lamp
structures without departing from the spirit or scope of the claimed invention. Evidently
~~the invention has the essence of a patent. We hereby apply for a patent grant.~~